## INTERNATIONAL SEARCH REPORT

International Application No /CA2004/000487

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G06F17/60

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 G11B G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

Further documents are listed in the continuation of box C.

C. DOCUM	ENTS CONSIDERED TO BE RELEVANT	
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to daim No.
Х	PATENT ABSTRACTS OF JAPAN vol. 2002, no. 03, 3 April 2002 (2002-04-03) & JP 2001 318814 A (SANYO ELECTRIC CO LTD), 16 November 2001 (2001-11-16)	1,7
Y	abstract	2-6,8-12
X	US 2003/051237 A1 (SAKO YOICHIRO ET AL) 13 March 2003 (2003-03-13) paragraph '0008! - paragraph '0014!	1,7
X	US 6 209 004 B1 (TAYLOR COLIN R) 27 March 2001 (2001-03-27) column 3, line 20 - column 5, line 50	1,7
X	US 6 330 073 B1 (SCIATTO BRIAN) 11 December 2001 (2001-12-11)	1,7
A	column 1, line 60 - column 2, line 59	2-6,8-12

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Special categories of cited documents:  'A' document defining the general state of the art which is not considered to be of particular relevance  'E' earlier document but published on or after the international filing date  'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  'O' document referring to an oral disclosure, use, exhibition or other means	<ul> <li>*T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</li> <li>*X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</li> <li>*Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled</li> </ul>
"P" document published prior to the international filing date but later than the priority date claimed  Date of the actual completion of the international search	in the art.  *&* document member of the same patent family  Date of mailing of the international search report
24 August 2004	03/09/2004
Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NL – 2280 HV Rijswijk  Tel. (+31–70) 340–2040. Tx. 31 651 eno ni.	Authorized officer

Patent family members are listed in annex.

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